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INSPEC

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AN : 6638294
ABN : C2000-08-6115-012
TI : Integrated software tools improve productivity and code quality.
AU : Varhol P
SO : Electronic Design, vol.47, no.21, pp. 62, 65-70, 18 Oct. 1999
PU : Penton Publishing
CP : USA
DT : J (Journal Paper)
LA : English
JC : ELODAW
NU : ISSN 0013-4872
PY : 1999
CPN : 0013-4872/99/ \$2.00+1.00
SI : 0013-4872(19991018)47:21L.62:ISTI;1-0
AB : Integrated development environments (IDEs) are relatively new tools for embedded programmers. Many veterans are proficient at editing, building, and debugging entirely at the command line. But these are difficult skills to master, and they make programming slow and error-prone. The IDE, then, accomplishes two things for programmers. First, it lets them simultaneously work with multiple tools without having to exit one in order to launch another. This improves productivity and code quality, since it is easy to refer back and forth between displays and outputs. It also makes work flow in a way that wasn't possible with single-use, command-line tools. Second, it provides a common appearance and behavior between tools. Designers won't need as much time to become proficient and productive with the new tools, because they all work in similar ways. This also reduces errors, since programmers are less likely to inadvertently use them incorrectly. (0 Ref.)
IT : embedded systems; programming environments; software quality; software tools
ST : integrated software tools; productivity; code quality; integrated development environments; embedded programmers; debugging; command line; IDE; multiple tools; common appearance
TC : PR (Practical)
CC : C6115 Programming support;
C6110B Software engineering techniques;
C7000 Computer applications
CPR : Copyright 2000, IEE

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?PRT AN TI 7-12

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AN : 6622743
TI : Integrated development environment for a microcontroller systems laboratory.

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AN : 6381180
TI : Keep it CLEAN: a unique approach to functional programming.